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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/062,584
 Applicant : Backus et al
 Filed : February 2, 2002
 Title : Ultrashort Pulse Amplification in Cryogenically Cooled
 Amplifiers
 Group Art Unit : 2828
 Examiner : T. Nguyen
 Docket No. : C01.110

Honorable Commissioner of Patents
 Washington DC 20231

AMENDMENT

Sir:

In response to the Office Action mailed August 5, 2003 ,
Remarks/Arguments are found on page 2 of this paper.

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Date: January 5, 2004

Pages, including this one: 19

To: Tuan N. Nguyen Phone: 703-872-9319 Fax: 703-872-9318	From: Michelle Mintling Phone: 303-664-4734 Fax: 303-664-4735
AMENDMENT	
Appl. No.	10/062,584
Applicant	Backus et al.
Filed	February 2, 2002
Title	Ultrashort Pulse Amplification in Cryogenically Cooled Amplifiers
GAU	2828
Examiner	T. Nguyen
Docket	C01.110

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PTO/58/21 (08-03)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/082,584
		Filing Date	February 2, 2002
		First Named Inventor	Buckus et al.
		Art Unit	2828
		Examiner Name	Tuan N. Nguyen
Total Number of Pages in This Submission	16	Attorney Docket Number	C01.110

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		<input type="checkbox"/> Remarks
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or individual name	Jennifer L. Bales
Signature	
Date	January 5, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Michelle Mintling		
Signature		Date	January 5, 2004

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$ 210.00)
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METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number	02-0725
Deposit Account Name	Jennifer L. Bales

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee
SUBTOTAL (1)				(\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	x	
Multiple Dependent	- 3** =	x	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202	18	2202 8 Claims in excess of 20
1201	88	2201 43 Independent claims in excess of 3
1203	280	2203 145 Multiple dependent claim, if not paid
1204	88	2204 43 " Reissue independent claims over original patent
1205	16	2205 9 " Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0.00)

**or number previously paid, if greater. For Reissues, see above

SUBMITTED BY

Name (Print/Type)	Jennifer L. Bales	Registration No. (Attorney/Agent)	38,070	Telephone	303-664-4734
Signature		Date	January 5, 2004		

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